

N Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2016, North Carolina

Year	Coal	Natural Gas ^a	Petroleum								Retail Electricity Sales		Electrical System Energy Losses ^g	Total ^{e,f}
			Aviation Gasoline	Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Lubricants	Motor Gasoline ^d	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours	Net Energy ^{e,f}	Total ^{e,f}	
1960	42	2	692	3,187	5	3,401	545	34,580	494	42,905	0	--	--	--
1965	8	4	714	4,458	17	3,649	578	41,551	581	51,548	0	--	--	--
1970	4	6	151	6,301	65	4,702	523	54,989	345	67,077	0	--	--	--
1975	(s)	4	219	8,207	108	3,809	498	65,739	263	78,844	0	--	--	--
1980	0	6	215	10,707	50	5,209	635	64,918	99	81,834	0	--	--	--
1985	0	5	174	13,827	183	6,668	578	69,392	97	90,917	0	--	--	--
1990	0	6	213	15,804	160	5,567	650	75,937	513	98,844	0	--	--	--
1995	0	6	139	19,855	141	4,947	620	85,383	299	111,384	0	--	--	--
1996	0	7	148	20,539	131	9,127	602	86,832	328	117,707	0	--	--	--
1997	0	7	159	21,909	122	7,156	636	89,716	277	119,973	0	--	--	--
1998	0	7	138	22,240	211	6,761	665	92,908	148	123,071	0	--	--	--
1999	0	7	187	21,635	72	6,802	672	96,454	132	125,953	0	--	--	--
2000	0	7	140	24,918	98	7,277	662	96,699	128	129,923	0	--	--	--
2001	0	7	151	24,827	58	6,051	607	96,436	104	128,234	0	--	--	--
2002	0	6	91	25,061	134	4,825	600	98,410	798	129,919	0	--	--	--
2003	0	6	141	25,823	138	5,246	554	99,788	782	132,472	0	--	--	--
2004	0	5	108	27,964	138	5,397	562	101,987	401	136,557	0	--	--	--
2005	0	4	128	27,724	1,247	7,366	559	102,026	421	139,472	(s)	--	--	--
2006	0	5	107	27,801	1,173	5,323	544	102,895	193	138,036	(s)	--	--	--
2007	0	5	96	27,561	900	7,161	562	105,333	590	142,202	(s)	--	--	--
2008	0	5	118	23,559	1,528	5,225	522	111,718	730	143,399	5	--	--	--
2009	0	8	68	24,568	1,135	1,854	469	103,597	693	132,383	7	--	--	--
2010	0	8	157	25,417	111	1,628	R 713	104,624	391	R 133,041	7	--	--	--
2011	0	7	147	25,061	120	1,798	R 675	101,446	293	R 129,541	7	--	--	--
2012	0	5	142	23,297	124	3,919	R 602	99,571	3	R 127,658	7	--	--	--
2013	0	4	122	24,726	104	10,129	R 644	101,533	0	R 137,259	7	--	--	--
2014	0	4	84	26,032	71	8,630	R 670	101,820	(s)	R 137,307	9	--	--	--
2015	0	4	84	26,220	71	3,610	R 742	R 104,458	9	R 135,195	9	--	--	--
2016	0	3	86	26,365	80	2,635	715	108,232	21	R 138,134	6	--	--	--
Trillion Btu														
1960	1.1	2.5	3.5	18.6	(s)	18.2	3.3	181.6	3.1	228.4	0.0	232.0	0.0	232.0
1965	0.2	4.4	3.6	26.0	0.1	19.7	3.5	218.3	3.7	274.8	0.0	279.4	0.0	279.4
1970	0.1	6.3	0.8	36.7	0.2	25.7	3.2	288.9	2.2	357.7	0.0	364.0	0.0	364.0
1975	(s)	3.6	1.1	47.8	0.4	20.8	3.0	345.3	1.7	420.2	0.0	423.8	0.0	423.8
1980	0.0	5.9	1.1	62.4	0.2	28.7	3.8	341.0	0.6	437.8	0.0	443.8	0.0	443.8
1985	0.0	4.9	0.9	80.5	0.7	37.0	3.5	364.5	0.6	487.8	0.0	493.4	0.0	493.4
1990	0.0	6.5	1.1	92.1	0.6	30.8	3.9	398.9	3.2	530.6	0.0	537.1	0.0	537.1
1995	0.0	6.3	0.7	115.6	0.5	28.0	3.8	445.5	1.9	596.0	0.0	602.3	0.0	602.3
1996	0.0	7.7	0.7	119.5	0.5	51.7	3.6	453.1	2.1	631.3	0.0	639.0	0.0	639.0
1997	0.0	7.6	0.8	127.5	0.5	40.6	3.9	467.9	1.7	642.8	0.0	650.4	0.0	650.4
1998	0.0	7.0	0.7	129.4	0.8	38.3	4.0	484.5	0.9	658.7	0.0	665.7	0.0	665.7
1999	0.0	6.8	0.9	125.9	0.3	38.6	4.1	502.8	0.8	673.4	0.0	680.2	0.0	680.2
2000	0.0	7.4	0.7	145.0	0.4	41.3	4.0	504.2	0.8	696.4	0.0	703.8	0.0	703.8
2001	0.0	6.9	0.8	144.5	0.2	34.3	3.7	502.8	0.7	686.9	0.0	693.8	0.0	693.8
2002	0.0	6.3	0.5	145.8	0.5	27.4	3.6	512.8	5.0	695.6	0.0	701.9	0.0	701.9
2003	0.0	6.4	0.7	150.3	0.5	29.7	3.4	519.2	4.9	708.7	0.0	715.2	0.0	715.2
2004	0.0	5.2	0.5	162.7	0.5	30.6	3.4	530.4	2.5	730.7	0.0	736.0	0.0	736.0
2005	0.0	4.5	0.6	161.3	4.8	41.8	3.4	530.3	2.6	744.9	(s)	749.3	(s)	749.3
2006	0.0	4.8	0.5	161.3	4.5	30.2	3.3	534.1	1.2	735.2	(s)	740.0	(s)	740.0
2007	0.0	5.2	0.5	159.4	3.5	40.6	3.4	543.0	3.7	754.1	(s)	759.2	(s)	759.2
2008	0.0	5.5	0.6	136.2	5.9	29.6	3.2	572.7	4.6	752.7	(s)	758.2	(s)	758.2
2009	0.0	8.1	0.3	142.0	4.4	10.5	2.8	528.4	4.4	692.9	(s)	701.0	0.1	701.0
2010	0.0	8.2	0.8	146.8	0.4	9.2	R 4.3	531.3	2.5	R 695.3	(s)	R 703.6	0.1	R 703.6
2011	0.0	7.5	0.7	144.7	0.5	10.2	R 4.1	514.1	1.8	R 676.2	(s)	R 683.6	0.1	R 683.7
2012	0.0	5.5	0.7	134.4	0.5	22.2	R 3.7	504.1	(s)	R 665.7	(s)	R 671.2	0.1	R 671.3
2013	0.0	4.2	0.6	142.6	0.4	57.4	R 3.9	514.0	0.0	R 719.0	(s)	R 723.1	0.1	R 723.2
2014	0.0	4.1	0.4	150.2	0.3	48.9	R 4.1	515.2	(s)	R 719.1	(s)	R 723.2	0.1	R 723.3
2015	0.0	4.6	0.4	151.2	0.3	20.5	R 4.5	R 528.6	0.1	R 705.5	(s)	R 710.2	0.1	R 710.2
2016	0.0	2.8	0.4	152.0	0.3	14.9	4.3	547.5	0.1	719.7	(s)	722.6	(s)	722.7

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

b Hydrocarbon gas liquids, assumed to be propane only.

^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^e There is a discontinuity in this time series between 1980 and 1981.

^f For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

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⁹ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
 Notes: Totals may not equal sum of components due to index does not round up. The continuity of the

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Sources: Data sources, estimation procedures, and assumptions are described in the *Technical Appendix*.

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